

Technical Data Sheet

LL-22B01

LLDPE 22B01 is a linear low density polyethylene with 1-Butene as comonomer. It has high stiffness making it suitable for usage in high stiffness blown films, blending and lamination.

Applications:

- High stiffness blown films
- Blending
- Lamination

Resin properties	Unit	condition	Typical value	Test Method
Melt Flow Index	gr/10 min	190°c/2.16 kg	0.8-1.2	ASTM D1238
Density	g/l	23°c	0.920-0.924	ASTM D1505
F/E Ratio	-		<30	ASTM D1238
Yellowness Index	-		0.5	ASTM D1925
Ti content	Ppm wt		2	MTM 15636
Fish Eyes G	Gels/m2	-	60	MTM 17108
Haze	%		25	ASTM D1003
Gloss	%O		35	ASTM D2457
Dart impact	gr		75	ASTM D1709
Tensile modulus	2% sec	TD	150	ASTM D882
	mpa	MD	180	ASTM D882
Tensile strength	Ultimate	TD	49	ASTM D882
	mpa	MD	43	ASTM D882
Elongation	At break	TD	800	ASTM D882
	%	MD	900	ASTM D882
Elongation tear	g	MD	120	ASTM D1922
		TD	400	ASTM D1922